

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:01 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 1108 Const Calendar Day: 681 Date: 16-Apr-2014 Wednesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition clear

Working Day ☒ If no, explain:**Diary:**

Dispute

**General Comments**

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

There is no work in the field on TR's 12 & 13 today by ABF, but there is work to modify TR's 1-4 to TR's 14-17. The Townsend Test (Test IV) for TR's 12 and 13 is ongoing with both TR's at 0.70 Fu after the tensioning step yesterday.

VGO (Dave Van Dyke) is working primarily offsite today to produce the morning and evening data reports. However, he is present for portion of the day on site.

I periodically check during the day at the TR's 12 & 13 for broken rods or water leaks. There are no broken rods today. There are no water leak issues today.

ABF starts work modifying TR's 1-4 to TR's 14-17. Superintendent John Perine and Ironworker General Foreman James (Fish) Sturgeon work briefly in the morning getting this work coordinated. Operator John Sabatino works briefly to bring a welding machine to the test rig work area. Ironworker Donald Plumb arrives at the test rig area after about 0830 after first getting his tools from the tower and then getting the necessary tools to the test rig area for the test rig modification work – he works all day on CCO 314 at the test rigs. I go over the details (ATP Sketches detailing the work) with him. VGO moves their wires at TR's 1-4 to be more sheltered from the cutting and welding work on top of the test rigs where the added handholes will be cut and the new doubler plates welded. Laborer Carlos (Pedro) Garcia arrives at the test rigs after about 0930 and works the remainder of the day on CCO 314 on cleanup operations.

The laborer starts work by pumping and vacuuming water that is in the SWPPP containments on the concrete slabs at TR's 1-4. Some of the SWPPP containments were broken after the original work on TR's 1-4 and don't hold rain water, but some remained intact and still have been collecting rain water. The waste rain water from these SWPPP containments are pumped and vacuumed into an empty 55-gallon drum for later disposal. After addressing the water, he then addresses sandbags at TR's 2 and 3. Previously, some of the k-rail was removed and the sandbags just dropped in place. The intact sandbags are stacked on pallets for later use and the broken sandbags are dumped in a skip box. This work also includes sweeping sand on the ground from the broken sandbags.

The ironworker starts at TR 3 (to be modified to TR 16) at the south end. He air-arcs off the test rig feet extensions. He air-arcs off the existing doubler plate. He grinds the top of the test rig where the existing doubler plate was removed. He grinds the existing longitudinal welds on top of the test rig to bring them



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flush with the steel plates so that the new doubler plate will sit flat.

A 7kW generator – Whisperwatt 7000 – ABF ID 002343 is used briefly by the laborer to run a pump and vacuum and is on idle/standby at the test rig work area the rest of the day. A 40kW generator – MQ Power 40 – ABF ID 002051 is on idle/standby at the test rig work area. An oxyacetylene torch is used at the test rig work area. A compressor – IR P185 ABF ID 000002 is used at the test rig work area. A welding machine – Lincoln Vantage 500 ABF ID 000074 is brought to the test rig work area this morning and used.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

10' ABF k-rail = 6 pieces

20' rented k-rail = 10 pieces

20' ABF k-rail = 15 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314. Also a fourth 20' ABF k-rail is between the CCO 314 work area and FW Spencer's yard along the fence line near the BayView Trailer.

The agreed extra work with ABF is as follows:

Engineer Kelvin Chen - 2 hrs

Ironworker Donald Plumb - 8 hrs

Laborer Carlos (Pedro) Garcia - 6 hrs

185 CFM Compressor - 6 hrs

Vantage 500 Welder - 6 hrs

k-rail: 10 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 4 pcs

Crane Mats (12x12 - 5'x7') - 15 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work

### **INSPECTOR OT REMARK:**

Office 2 hours: The monthly estimate is due and I have several CCO 314 extra work bills to approve. I work late in the office reviewing EWB's. ABF is working in the field from 0700 to 1530. My shift is 0700 to 1730 and my OT hours are 1530 to 1730.